

**Amendments to the Abstract**

Replace the Abstract with the following:

~~The present invention provides an ultra-lightweight and highly precise~~ This  
electromagnetic wave concentrator having ~~[[a]] high rigidity and also flexibility, which is~~  
~~suitable as a solar ray concentrate device and for communications, this concentrator being and is~~  
produced by ~~[[a]] molding process using the effect of stress relaxation in [[a]] thin-film material.~~  
An ultra-lightweight electromagnetic wave concentrator ~~10 having a high rigidity and also~~  
~~flexibility is obtained by conducting processing that increases~~ increasing the rigidity by forming a  
thin-film curved body ~~comprising of~~ an electromagnetic wave reflective surface ~~11 that has the~~  
~~surface shape that is part of having a paraboloid shape. of revolution or of a curved surface~~  
~~modeling same by the effect of stress relaxation in a thin film material, and also forming a~~  
~~structure of reinforcing~~ Reinforcing grooves ~~13-15 in the reflective surface 11 for increasing the~~  
~~rigidity~~ increase rigidity. ~~In order to~~ To form the reflective surface shape and the reinforcing  
grooves ~~13-15~~, ~~[[a]] pressure is applied to the thin-film material with [[the]] a molding die, or the~~  
thin-film materials material is attached to the molding die by pressure ~~[[and,]] while maintaining~~  
~~this state, stress relaxation inside the thin film material is induced by heating the thin-film~~  
material with a heating device, such as a thermostatic chamber.